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FE 6072 (US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

**Luigi Resconi et al.**

Serial No.: **10/536,857**

Filed: **May 27, 2005**

For: **PROCESS FOR PREPARING  
1-BUTENE COPOLYMER AND  
COPOLYMER THEREOF**

Examiner: **Caixa Lu**

Art Unit: **1713**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 23, 2006

**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed before the first Office action on the merits.

It is requested that the enclosed references listed on the attached Information Disclosure Citation form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein. A copy of the International Search Report for this application is enclosed.

Independent consideration and acknowledgement of the enclosed references are respectfully requested.

DE 19917985 is in the German language, but has no English counterpart. DE 19962814 and DE 19962910 are in the German language; therefore US 20030008984 and US 20030013913, respectively, are included on Form PTO-1449 as suitable English counterparts. EP 485,823 is in the German language, therefore US 5,145,819 is included on Form PTO-1449 as a suitable English counterpart. WO 02/16450 is in the Japanese language, therefore US 6,930,160 is included on Form PTO-1449 as a suitable English counterpart. EP 02080120.5 is equivalent to WO 04/50724, a copy of which is enclosed. PCT/EP02/06574 is equivalent to WO 02/100908, a

copy of which is also enclosed.

The Commissioner is hereby authorized to charge USPTO deposit account 08-2336 any payment due and to credit any overpayment thereto. For this reason, a duplicate copy is enclosed.

Respectfully submitted,

**Luigi Resconi et al.**

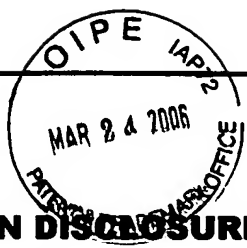
By: William R. Reid  
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Enclosures  
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I hereby certify that this correspondence is being deposited with sufficient postage thereon with the United States Postal Service as first class mail on March 23, 2006, in an envelope addressed to:  
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Jamie [Signature]  
March 23, 2006  
Date of Signature

Form PTO-1449



# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

*(Use several sheets if necessary)*

Document Number (optional)

**FE 6072 (US)**

Application Number

**10/536,857**

Applicant

**Luigi Resconi et al.**

Filing Date

**May 27, 2005**

GROUP ART UNIT

**1713**

## **U. S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 1 4 5 8 1 9	09/08/92	Winter et al.	502	117	11/08/91
	5 7 8 6 4 3 2	07/28/98	Küber et al.	526	127	06/07/95
2003	0 0 0 8 9 8 4	01/09/03	Kratzer et al.	526	127	12/13/00
2003	0 0 1 3 9 1 3	01/16/03	Schottek et al.	564	8	12/21/00
	6 9 3 0 1 6 0	08/16/05	Minami et al.	526	348.6	08/21/02

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
1	9 9 1 7 9 8 5	10/26/00	DE	C08F	4/646		
1	9 9 6 2 8 1 4	06/28/01	DE	C08F	4/642		
1	9 9 6 2 9 1 0	07/05/01	DE	C07F	5/00		
	0 1 8 6 2 8 7	07/02/86	EP	C08F	210/08		
	0 3 5 2 3 6 2	01/31/90	EP	C08F	210/08		

## **OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	V. Busico et al., "Regiospecificity of 1-butene polymerization catalyzed by C <sub>2</sub> -symmetric group IV metallocenes," <u>Macromol. Rapid Commun.</u> , Vol. 16, p. 269-274 (1995)
	C. J. Carman et al., "Monomer Sequence Distribution in Ethylene-Propylene Rubber Measured by <sup>13</sup> C NMR 3. Use of Reaction Probability Model," <u>Macromolecules</u> , Vol. 10, p. 536 (1977)
	J. Suhm et al., "Influence of metallocene structures on ethene copolymerization with 1-butene and 1-octene," <u>Journal of Molecular Catalysis</u> , Vol. 128, p. 215-227 (1998)

**EXAMINER****DATE CONSIDERED:**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Document Number (optional) <b>FE 6072 (US)</b>	Application Number <b>10/536,857</b>
Applicant <b>Luigi Resconi et al.</b>		
Filing Date <b>May 27, 2005</b>		GROUP ART UNIT <b>1713</b>

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	9 2 0 0 3 3 3	01/09/92	WO	C08F	4/76		
	9 5 3 2 9 9 5	12/07/95	WO	C08F	10/00		
	9 8 2 2 4 8 6	05/28/98	WO	C07F	17/00		
	9 9 2 1 8 9 9	05/06/99	WO	C08F	10/02		
	0 1 2 1 6 7 4	03/29/01	WO	C08F	10/00		

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**


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### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0 1 4 4 3 1 8	06/21/01	WO	C08F	10/00		
	0 1 4 4 3 1 9	06/21/01	WO	C08F	10/00		
	0 1 6 2 7 6 4	08/30/01	WO	C07F	5/02		
	0 2 1 6 4 5 0	02/28/02	WO	C08F	10/08		
0	2 1 0 0 9 0 8	12/19/02	WO	C08F	10/08		

### OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


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	0 2 1 0 0 9 0 9	12/19/02	WO	C08F	10/08		
	0 3 0 4 2 2 5 8	05/22/03	WO	C08F	10/08		
	0 4 0 5 0 7 2 4	06/17/04	WO	C08F	10/08		
	6 0 2 6 2 8 0 4	12/26/85	JP (Abstract)	C08F	10/08		
	6 2 1 1 9 2 1 3	05/30/87	JP (Abstract)	C08F	210/08		

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